

Amendment and Response  
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**AMENDMENTS TO THE SPECIFICATION**

Please replace the Abstract with the following:

The heat exchanger includes a condenser and a refrigerant passage connected to the condenser. The refrigerant passage ~~is constructed so as to~~ allows a refrigerant to flow into and flow out of the condenser in opposite directions to each other. As a result, the refrigerant passage can be provided, ~~on its one side in the horizontal direction, with both of an inlet and an outlet on one side of the condenser with an inlet and an outlet facing the same direction.~~ The ~~connecting operation~~ connection between the refrigerant passage and the air conditioning system is carried out on one side of the condenser only, improving the operative efficiency.

Please replace the paragraph beginning on page 9, line 10 with the following:

A heat exchanger of the first embodiment includes a radiator 1 arranged in the front area of a well-known engine room (~~not shown in broken lines~~) on the front side of the vehicle. Fig. 2 is a side view of Fig. 1. In the figure, the left side in the horizontal direction corresponds to a side close to a front part of the vehicle, while the right side in the ~~same~~ horizontal direction ~~does~~ corresponds to a side close to a rear side of the vehicle. As obvious from Fig. 2, the radiator 1 comprises an upper tank 2, a lower tank 3 and a core part 4 interposed between the upper tank 2 and the lower tank 3. The core part 4 ~~does~~ forms a heat exchanging area in the heat exchanger of the illustrated embodiment. Regarding the flow of refrigerant in the radiator 1, it is noted that a cooling water A, which is at a high temperature is fed from an engine unit (not shown but well known) and is first supplied to the upper tank 2 and subsequently, the core part 4. During the passage of the cooling water A through the

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core part 4, the cooling water A is cooled down by air E passing through the core part 4. The so-cooled cooling water is returned to the above engine unit by way of the lower tank 3.